SBR no 211/14-15
28-2-2015

Original/Duplicate/Triplicate

P.W.G. 17 1st and final Bill Yela-D&R No. 341 CONTRACT CERTIFICATE Reference paras 158 & 170

Date 28/2/15

NO.

Division Yelahanka Sub division Yelahanka New Town Date

Bills received No Date Sub-divisional Cash book vr No

Divisional Date

Head of account

Scheduled Docket No

Name of work(as per sanctioned estimate) :- NAME OF WORK :Improvements to drains and asphalting to roads in between 26th main to 21st main in Judicial layout in ward no 04

Work code:004-15-000047

Name of contractor and full address :- Techinical Manager (west)

Reference to agreement No :- 31 Estimated cost :49.99 W.O.No:31, dt:08/01/2015

Certified that the measurments were taken by me on 28/2/15 and recorded on pages 2128 to 2128 of measurment book No 2129 and the work is satisfactorily executed by the contractor.

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Assistant Executive Engineer

Assistant-Engineer

Certified that the measurments were taken by me on 28/2/15 and recorded correct.The work is satisfactorily executed.

Certified that the quantity of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub-divisional Officer

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within
2) Deduct amount to be held in reserve being-----percent Rs----------%---------
3) Balance---
4) Deduct payments
   a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount
   b) Cost of payments/stores or other materials supplied now made recovery of Amount paid on this bill by cheque/cash
   Total
5). Balance being unpaid value of work done held in reserve
6) Deduct cash of advance made on divisional/sub divisional cash book
7) Net amount due to or from contractor

UN ADJUSTED ITEMS

8) Advance to contractor for materials to site(as detailed within)
9) Value of government materials supplied.

TOTAL AMOUNT UN-ADJUSTED

Bill amount	49 34 512
EIC	2 35 000
S.T	90 000
KET	1 08 150
LWF	49 512
EDF	49 512
Royalty	1 01 250
total deduction	7 33 124
cheque	49 21 388
Bill amount	49 34 512

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

of payment as per memorandum
(in final settlement of all demand)

Witness
1)
2)

Reciept Stamp

Audited & Admitted For Rs. 49 34 512/-

By Ch Rs: 49 21 388/- (in words)

Assistant Executive Engineer
Byatarayanapura Sub-d.
KRIDL BBMP, Bangalore

Balance of contractor
Paid by me cheque No dated
Cash Rs

Recd by Adjustment
For Rs. 7 33 124/-

Date Initials of officer making payment Date

Executive Engineer
Exe Engineer
B.B.M.P. Bangalore

Account Supdent

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	Removing B.S slab of drain and stacking	Sqm			600.60	58.32	35027.00	600.60	35027.00
2	Refixing stone slabs of drains and pointing in CM(1:3)	Sqm			600.60	75.60	45405.00	600.60	45405.00
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete do 7.5 cms thick	Sqm			257.40	639.36	164571.00	257.40	164571.00
4	KSRRB 300-1,Earth work excavation by manual means in ordinary soil invlving an average horizontal throw up to 2 meters and an average lift up to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item	Cum			734.60	75.60	55536.00	734.60	55536.00
5	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exeeding 15cms.thick, well compacted in	Cum			9.20	4847.04	44593.00	9.20	44593.00

6	KSRRB 4.1:6Providing and laying in position plain cement concrete mix 1:2:4 with cement @240kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15cms thick well compacted,in foundation,plinth and cills,including cost of all materials, labour, HOM of machineries, curing complete as per specifications. Specification no 4.1,4.2 (Page.12 & Item No. 4.6)	Cum			54.60	5327.64	290889.00	54.60	290889.00
7	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm			232.00	993.60	230515.00	232.00	230515.00

8	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with super plasterise @ 3lts conforming etc as per specification&direction of the engineer incharge of work(pwd sr2014-15,p.no13,sno4.11)	Cum			43.70	6065.28	265053.00	43.70	265053.00
9	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe550(pwd sr 2014-15,p.no17,s.no 4.46)	qtl			48.07	7905.60	380022.00	48.07	380022.00
10	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters,bittresses,huttresses plinth and string course including cost of all materials,labour complete asperspecification. Specification no.KBS 4.6.2 (pwd sr2014-15,p.no15/4.31)	Sqm			135.00	292.68	39512.00	135.00	39512.00

11	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or				1680.00	3.02	5074.00	1680.00	5074.00
12	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification: 406 (PWD SR 2014-15 P.N.154 It 20.18)	Cum			243.49	1438.56	350275.00	243.49	350275.00
13	KSRRB M500-6,Providing and applying primer coat with S.S.bitumen emulsion on prepared surface of granular base such as WBM,WMM including cleaning of road surfase and spraying primer at the rate of .60kg/Sqm using mechanical means complete as per specifications. MORTH SpecificationsNo502 (ITEMNO21.6,Page no157,PWD SR 2014-15)	Sqm			563.55	35.21	19843.00	563.55	19843.00

14	KSRRB M500-13. Providing and laying bituminous macadam 50mm thick with 100-120 TPH hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per Clauses 501.6 and 501.7 to achieve the desired compaction complete	Cum			28.18	9262.08	261005.00	28.18	261005.00
15	M500-10. Tack Coat:- Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/ granular surface cleaned with mechancial broom. complete as per specifications.	Sqm			2184.00	14.59	31865.00	2184.00	31865.00

16	KSRRB M500-18. Providing and laying semi dense bituminous concrete 25 mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications.	Cum			76.44	12762.36	975555.00	76.44	975555.00
17	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm			538.92	1498.00	807302.00	538.92	807302.00
18	Providing and fixing precast solid concrete kerb stones made out of cc1:2:4 and finished with CM 1:3 plastering and finishing cutting etc..complete asper specifications and directions of the engineer in charge of the work.P.NO25/S.NO5.29.1(PWD SR2014-2015)	Cum			1080.00	357.48	386078.00	1080.00	386078.00

19	KSRB 15-17.5:Applying priming coat over new wood surface and/or wood based surfaces after preparing the surface after throughly cleaning oil,grease,dirt and forign matter,sand papering and knotting liquid wood filler,for varnish including cost of				216.00	33.48	7232.00	216.00	7232.00
20	KSRB 15-17.6:Providing and applying painting two coats(excluding proiming coat)on new wood surface and/or wood based surfaces with ename paint to give an even shade,cleaning the surface of all dirt,dust and forign matter,sand papering including as per specifications and directions of the engineer in charge of the work.P.NO115/15.60.1)				216.00	84.24	18196.00	216.00	18196.00
21	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/ sand/kanker/ Moorum. KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no 130, PWD SR 2014-15)				730.00	68.04	49669.00	730.00	49669.00
				TOTAL			4463217.00		4463217.00
				KRIDL Charges 11%			490953.87		490953.87
				QC report			44632.17		44632.17
				G. TOTAL			4998803.04		4998803.04

AE

Ward no:09

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP, Bangalore